

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	428	(251/63.5).ccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:36
S2	51	("0467181" "0685748" "0962736" "0977105" "1245516" "1846624" "2090512" "2223699" "2397269" "2593740" "2602467" "2634754" "2654560" "2707484" "2778598" "2914083" "3168283" "3454032" "3592563" "3884251" "4019713" "4098171" "4307654" "4462426" "4541607" "4757974" "4813575" "4945941" "5411375" "5423129" "5540558").PN. OR ("5899435").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 14:49
S3	0	"10541903".an.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 14:50
S4	0	"10541903".rlan.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 14:50
S5	0	"10/541903".rlan.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 14:50
S6	0	"10541903".rlan.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 16:29
S7	5	("4589627" or "3811279" or "4064794" or "3164181"). pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:03
S8	23	("1490633" "1641131" "2587539" "2635634" "2867081" "3814375").PN. OR ("4589627").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 16:45
S9	1	99/474.ccls. and trap and (releas\$3 or expans\$4) and (vessel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:04
S10	16	("1325847" "2638137" "2676632" "3164181" "3623627" "3844597" "3853049").PN. OR ("4064794").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:08

S11	11	("1325847" "2638137" "2676632" "3164181" "3623627" "3844597" "3853049").PN. OR ("4064794").URPN. and trap	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:08
S12	11	("1325847" "2638137" "2676632" "3164181" "3623627" "3844597" "3853049").PN. OR ("4064794").URPN. and trap and solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:13
S13	11	("1325847" "2638137" "2676632" "3164181" "3623627" "3844597" "3853049").PN. OR ("4064794").URPN. and trap and solid and expan\$4 and vessel	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:14
S14	0	((("1325847" "2638137" "2676632" "3164181" "3623627" "3844597" "3853049").PN. OR ("4064794").URPN.) and trap and solid and expan\$4 and vessel	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:14
S15	1	((("1325847" "2638137" "2676632" "3164181" "3623627" "3844597" "3853049").PN. OR ("4064794").URPN.) and trap	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:15
S16	2	((("1325847" "2638137" "2676632" "3164181" "3623627" "3844597" "3853049").PN. OR ("4064794").URPN.) and solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:17
S17	1	10/541903	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:21
S18	2	99/467.ccls. and steam and peel and vessel and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:35
S19	0	99/467.ccls. and (solids trap) and expan\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:35
S20	0	99/467.ccls. and (solids trap)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:36
S21	185	(solids trap)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:36
S22	39	(solids trap) and (expan\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:50

S23	33	(solids trap) and (expans\$4) and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:09
S24	9	(solids trap) same (expans\$4) and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:36
S25	7	(solids trap) same (expans\$4) same pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:37
S26	17	(solids trap) and ((expans\$4) same pressur\$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:38
S27	0	("2003/0170364").URPN.	USPAT	ADJ	ON	2007/10/12 10:00
S28	0	("2003/0170364").URPN.	USPAT	ADJ	ON	2007/10/12 10:01
S29	0	"431" "702"	EPO	ADJ	ON	2007/10/12 10:03
S30	1	"431702"	EPO	ADJ	ON	2007/10/12 10:04
S31	557	426/481.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:09
S32	5	426/481.ccls. and (trap same (expansion or steam or pressur\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:10
S33	5	("3354923").URPN.	USPAT	ADJ	ON	2007/10/12 10:13
S34	30	("0676969" "0738745" "0843413" "1230757" "1818367" "1945820" "2850162" "2917344" "3096276" "3354923" "3360125" "3710561" "4251356" "4441994" "4481019").PN. OR ("4988373").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:15
S35	1	((("0676969" "0738745" "0843413" "1230757" "1818367" "1945820" "2850162" "2917344" "3096276" "3354923" "3360125" "3710561" "4251356" "4441994" "4481019").PN. OR ("4988373").URPN.) and steam	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:18
S36	120	426/481.ccls. and steam	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:18
S37	5	426/481.ccls. and steam and trap	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:20
S38	69	426/481.ccls. and steam and solids	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:20
S39	20	426/481.ccls. and steam and (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:24

S40	201	"209".clas. and steam and (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:24
S41	61	"209".clas. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:32
S42	0	"99/584".clas. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:34
S43	0	"426/478,479,481".clas. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:34
S44	0	(426\478 or 426\479 or 426\481).ccls. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:36
S45	0	(426\478 or 426\479 or 426\481).ccls. and (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:36
S46	0	(426\478 or 426\479 or 426\481).ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:36
S47	14	(426/478 or 426/479 or 426/481).ccls. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:36
S48	126	(solids trap) and (pressur \$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 11:05
S49	35	(solids trap) and (steam)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 11:05
S50	4	(solids trap) with (steam)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 11:06
S51	0	("2032299").URPN.	USPAT	ADJ	ON	2007/10/12 11:06
S52	0	("2032299").URPN.	USPAT	ADJ	ON	2007/10/12 11:07
S53	0	("2032299").URPN.	USPAT	ADJ	ON	2007/10/12 11:08
S54	1	("2032299")	USPAT	ADJ	ON	2007/10/12 11:19
S55	358	202/170.ccls.	USPAT	ADJ	ON	2007/10/12 11:20
S56	17	202/170.ccls. and vessel and steam	USPAT	ADJ	ON	2007/10/12 11:23
S57	7	202/170.ccls. and (vessel with steam)	USPAT	ADJ	ON	2007/10/12 11:23
S58	3	202/170.ccls. and (steam same trap)	USPAT	ADJ	ON	2007/10/12 11:27
S59	5	202/170.ccls. and (pressur \$4 same trap)	USPAT	ADJ	ON	2007/10/12 11:35
S60	0	"10541903"	USPAT	ADJ	ON	2007/10/12 11:35

S61	0	"10/541903"	USPAT	ADJ	ON	2007/10/12 11:37
S62	1	"10/541903"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 11:37
S63	1	10/541903	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:10
S64	431	251/63.5.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:47
S65	27	251/63.5.ccls. and (pressur \$4 same (steam or vessel))	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:48
S66	21	251/63.5.ccls. and (chang \$5 with seat)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:49
S67	25	251/63.5.ccls. and (actuator with piston with air)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:53
S68	39	251/63.5.ccls. and (actuator same piston same air)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:55
S69	14	251/63.5.ccls. and (actuator same piston same air) not S67	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:56
S70	51	251/63.5.ccls. and (pressur \$4 near5 bias\$3)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:12
S71	20	251/63.5.ccls. and (pressur \$4 near5 bias\$3) and (piston same air)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:13
S72	46	("0122427" "1964196" "2323115" "3189045" "3362487" "3470972" "3476153" "3508577" "3563508" "3677353" "3693732" "3791621" "3827511" "3838707").PN. OR ("4044834").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:18
S73	18	("2259019" "3362487" "3470972" "3550696" "3613734" "R026220"). PN. OR ("3693732").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:28
S74	8	251/63.5.ccls. and (pressure vessel)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:29
S75	83	251/63.5.ccls. and (pressure with bias\$5)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:32
S76	79	251/63.5.ccls. and (pressure with bias\$5) and piston	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:32
S77	13	251/63.5.ccls. and (pressure with bias\$5) and (piston with pneumatic)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:33
S78	9	251/63.5.ccls. and (fluid with bias\$5) and (piston with pneumatic)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:35

S79	64	251/63.5.ccls. and (piston with pneumatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:36
S80	1	"4976404".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:45
S81	384	251/63.5.ccls. and (piston)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:46
S82	63	251/63.5.ccls. and (piston with actuator) and (pressur\$4 with fluid with (retain or bias or clos\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:47
S83	7	251/63.5.ccls. and (piston with actuator) and (pressur\$4 with fluid with (retain or bias or clos\$3)) not spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:52
S84	15	251/63.5.ccls. and (piston with actuator) not spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:54
S85	15	("3065597" "3102386").PN. OR ("4023355").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:56
S86	4	("137" or "251").clas. and (air-driven piston)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 15:29
S87	38	("137" or "251").clas. and (valve member) near6 interchangeable	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:15
S88	2227	("137" or "251").clas. and interchangeable	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:33
S89	80	("137" or "251").clas. and interchangeable with seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:33
S90	68	("137" or "251").clas. and interchangeable with material	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:34
S91	268	("137" or "251").clas. and (valve member) with removabl\$2 with stem	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:35
S92	268	("137" or "251").clas. and ((valve member) with removabl\$2 with stem)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:35
S93	46	("137" or "251").clas. and (((valve member) with removabl\$2 with stem) same materials)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:36
S94	19	("137" or "251").clas. and ((valve member) with removabl\$2 with stem) and poppet	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:37
S95	5	("3164181" "3811279" "4064794" "4589627").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 18:14
S96	1	"5078177".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 18:23

S97	1	10/541903	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 14:47
S98	2	"5899435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 14:55
S99	556	251/63.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 15:08
S100	230	251/63.5.ccls. and (pressure near5 (chamber or vessel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 15:08
S101	153	251/63.5.ccls. and (pressure near5 (chamber or vessel)) and (pressure near5 (clos\$4 or shut))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 15:17
S102	129	251/63.5.ccls. and (pressure near4 (chamber or vessel)) and (pressure near4 (clos\$4 or shut))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 15:18
S103	21	251/63.5.ccls. and (pressure near4 (chamber or vessel)) and (pressure with valve with head with (clos\$4 or shut))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 15:27
S104	18	("3331583").URPN.	USPAT	OR	OFF	2008/10/07 15:36
S105	32	251/63.5.ccls. and (pressure with valve with head with (clos\$4 or shut))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 15:47
S106	11	S105 not S104 not S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 15:48
S107	102	251/63.5.ccls. and (pressure with valve with (bias\$4 or keep\$4 or maintain\$4) with (clos\$4 or shut))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 15:54
S108	40	("4187764" "4543874" "4724801" "4791895" "4794890" "4831973" "4872425" "4974495").PN. OR ("5022358").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 16:04

S109	32	"251/62,63,63.5.ccls. and (pressure with valve with (bias\$4 or keep\$4 or maintain\$4) with (clos\$4 or shut)) not spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/07 16:12
S110	31	"251/62,63,63.5.ccls. and (pressure with valve with (bias\$4 or keep\$4 or maintain\$4) with (clos\$4 or shut)) not spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/07 16:14
S111	27	("2910267" "2928646" "2971090" "3272218" "3307574" "3542332" "3563508").PN. OR ("4014510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 17:04
S112	207	"251".clas. and steam and (valve with seat) with (metal)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 17:35
S113	95	"251".clas. and steam same (valve with seat) with (metal)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 17:35

10/8/2008 2:37:30 PM

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